

TOSHIBA
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English

Owner's Manual

3D Glasses FPT-AGO1G



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Thank you for purchasing a Toshiba product.

- Please read this manual carefully, and use this product safely and correctly.
Before use, be sure to read " Safety Precautions " (☞ pages 2–3).
- Retain this manual for future reference.

Safety Precautions

About handling the 3D Glasses

- **Do not leave the 3D Glasses, the battery or the accessories within the reach of small children.**

Inhaling or swallowing them may cause suffocation or lesions in the stomach wall.

If swallowed, consult a doctor immediately.

- **Do not repair, modify, or disassemble the 3D Glasses by yourself.**

Doing so may cause a fire or cause you to become indisposed while watching 3D images.

Contact the Toshiba Call Center for repair of your 3D Glasses.

- **Do not expose the battery to excessive heat such as sunshine, fire, or the like.**
- **Do not use the 3D Glasses if they are not working properly or broken.**

Continuing to use them in such a state may cause injury, eye strain, or indisposition.

Do not use the 3D Glasses if they are broken or have any cracks.

- **Do not stand or walk while wearing 3D Glasses.**
You may lose your balance which could result in falls or other accidents.

- **Do not wear the 3D glasses for any purpose other than viewing 3D programming.**

3D glasses do not function as sunglasses.

- **Do not drop, exert pressure on, or step on the 3D Glasses.**

Doing so may damage the glass section, which may result in injury. Exposing the 3D glasses to liquid or excessive heat may damage the liquid crystal shutter function.

- **If your nose or temple turns red, or you feel pain or discomfort, stop using the 3D Glasses.**

Such symptoms as above may occur if you keep wearing them for a long time, which may also cause indisposition.

- **Observe the following for the battery of the 3D Glasses:**

- *Do not use any battery other than the one specified.*
- *Do not use any battery with the polarity reversed.*
- *Do not charge, heat, disassemble, or short the battery.*

Violation of the above may cause explosion or leakage of the battery, and a burn or injury may result.

On watching the 3D images

- **Some viewers may experience a seizure or blackout when exposed to certain flashing images or lights contained in certain 3D television pictures or video games.**

Anyone who has had a seizure, loss of awareness, or other symptom linked to an epileptic condition, or has a family history of epilepsy, should contact a health care provider before using the 3D function.

- **Avoid use of the 3D function when under the influence of alcohol.**

- **If you are ill or feel ill, you should refrain when viewing 3D images, and consult your health care provider as may be appropriate.**

- **If you experience any of the following symptoms from viewing 3D video images, stop viewing and contact your health care provider:**

Convulsions, Eye or muscle twitching, Loss of awareness, Altered vision, Involuntary movements, Disorientation, Eye Strain, Nausea/Vomiting, Dizziness, Headaches.

- **If you feel eye fatigue or other discomfort from viewing 3D video images, remove the 3D glasses and discontinue use until the condition is eliminated.**

- **Viewing in 3D may cause dizziness and/or disorientation for some viewers.**

Therefore, to avoid injury do not place your TV near open stairwells, balconies, or wires.

Also do not sit near objects that could be broken if accidentally hit.

- **When viewing 3D images, always wear 3D Glasses.**

Watching 3D images without 3D glasses may cause eye strain. Use specified 3D glasses.

- **When watching 3D images, do not wear 3D Glasses while tilted and do not lie down.**

If you watch while lying down or tilted, the 3D effect is lost and it may cause eye strain.

- **It is recommended that the viewer's eyes and 3D Glasses are level with the screen.**

- **If you have prescription eye glasses or contact lenses, wear the 3D glasses over them.**

Watching 3D images without appropriate eyewear may cause eye strain.

- **If 3D images often appear in double or if you cannot see the images in 3D, stop viewing.**

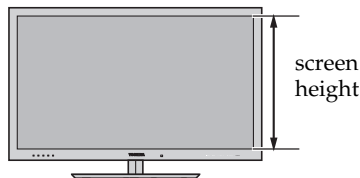
Continuous viewing may cause eye strain.

- **Due to the possible impact on vision development, viewers of 3D video images should be age 6 or above.**

Children and teenagers may be more susceptible to health issues associated with viewing in 3D and should be closely supervised to avoid prolonged viewing without rest.

- **Watching TV while sitting too close to the screen for an extended period of time may cause eye strain.**

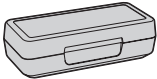
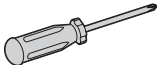

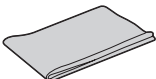
The ideal viewing distance should be at least three times the screen height.



About lithium battery

- **Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.**

Accessories

3D Glasses case For the storage of the 3D Glasses. 	Screwdriver For replacing the battery. 	Specialized band For securing the 3D Glasses. 	Lens wipe For wiping the 3D Glasses. 
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Exploring your new 3D Glasses

Lens (liquid-crystal shutter)

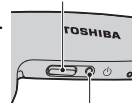
A right and left liquid-crystal shutter opens and closes alternately with the images for the left eye and for the right eye alternately projected on the television screen. In this way, 3D images are reproduced.

Power button and power light

Turns on or off the power of 3D Glasses by keeping pressing the power button for about 1 second.

- When the power is turned on, the power light lights up for about two seconds.
- When the power is turned off, the power light blinks 3 times.

Power button



Power light

Infrared reception part

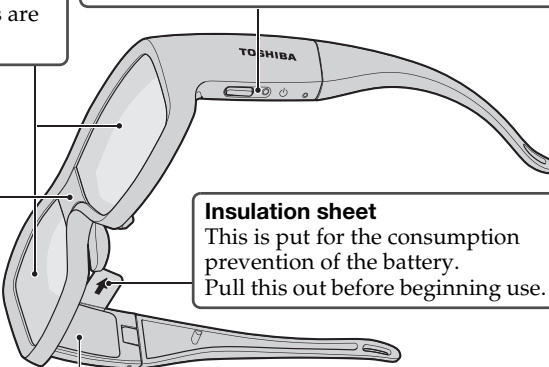
Receives the infrared signal for the liquid-crystal shutter control sent from the television.

Insulation sheet

This is put for the consumption prevention of the battery. Pull this out before beginning use.

Battery cover

When replacing the battery, remove this.



Precautions for daily use

Notes on handling the 3D Glasses' liquid crystal shutter lenses

- Do not put excessive force on the lenses.
- Do not scratch the surface of the lenses with sharp objects.
- Do not drop or bend the 3D Glasses.

Notes on IR communication

- Do not block the IR sensor for 3D Glasses on the TV by placing objects in front of it.
- Do not cover the IR sensor on the 3D Glasses with stickers or labels.
- Keep the IR sensor on the 3D Glasses clean.
- If the 3D Glasses interfere with any other IR communication device or 3D TV, the 3D Glasses may not work correctly.

Notes on watching the TV

- If you use any device, such as a mobile phone or mobile wireless device, near the 3D Glasses, the 3D Glasses may not work correctly.
- Use the product in the following temperature range; otherwise, the quality of the 3D image or the reliability of the product cannot be guaranteed.
3D Glasses: 0°C - 40°C (32°F - 104°F)
TV: 0°C - 35°C (32°F - 95°F)
- If you use a fluorescent light, it may flicker depending on the frequency of the light. In this case, reduce the brightness of the fluorescent light, or use another light. (It is not recommended to watch the TV in a dark room, especially for children.)
- Wear the 3D Glasses properly, otherwise you may not see the correct 3D image.
- When not viewing 3D images, take off the 3D Glasses; otherwise, it may be difficult to see the display on other products such as PC, digital clock or calculator, etc.

Enjoying 3D images

Compatibilities:

Compatible with Toshiba 3D TVs only.

In addition to Compatible Toshiba 3D TV, viewing 3D programming may require the following (Please refer to the Toshiba 3D TV):

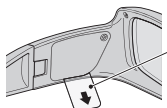
- Compatible 3D Playback Device and compatible 3D content or other 3D Source.
- 3D Capable HDMI Cable.

1 Setting television so that 3D images will be shown properly.

- See the television owner's manual.

2 Using the 3D Glasses.

- When you use for the first time, pull out the insulation sheet inserted in the battery cover part.



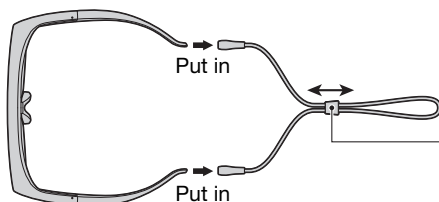
Pull out

1) Hold down the 3D Glasses power button for about 1 second.

- The power light turns on for about 2 seconds, and 3D Glasses are switched on.

2) Wear the 3D Glasses.

- If the 3D Glasses shift, adjust length by using the provided restraint band.



Put in

Put in

Stopper

Move the stopper and adjust the length of the band.

3 When 3D images's display is something wrong, adjust the TV settings.

- See the television owner's manual.

After finishing watching 3D images

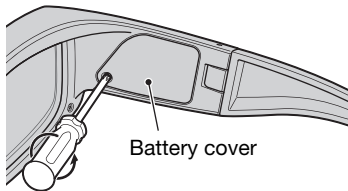
- Hold down the 3D Glasses power button for about 1 second. The power light blinks 3 times, and 3D Glasses are turned off.
- Store the 3D glasses in the supplied glasses case.

NOTE: If the infrared data communication between the television and 3D Glasses is lost for 5 minutes, the power of 3D Glasses is turned off to prevent the battery being consumed.

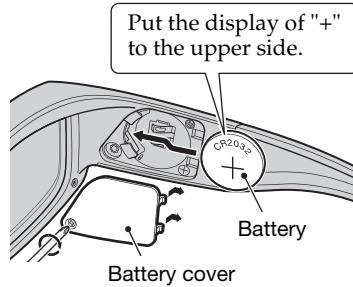
Replacing the battery

- If the power of 3D Glasses is turned on when the battery residual quantity is a little, the power light will blink 5 times. (When the battery died, the power light does not blink or light up.)
- The battery for replacement must use the coin type lithium battery CR2032.

1 Loosen the screw using the provided driver, and remove the battery cover.



2 Replace the battery, and screw the battery cover.



NOTE: Dispose of batteries in a designated disposal area and in accordance with applicable laws and regulations.

Care and Storage

- When cleaning the 3D Glasses, gently wipe with a dry, soft cloth.
 - First remove any dirt or dust from the 3D Glasses.
 - Harsh rubbing or use of a dirty or stiff cloth will scratch the 3D Glasses.
- Do not use benzene, thinner, alcohol, water, or abrasive cleaners, which may damage the 3D Glasses.
- When not using the 3D Glasses, put it in the provided glasses case and store it avoiding high temperature and humidity.
- It is recommended to remove the battery from the 3D Glasses if the 3D Glasses are not to be used for an extended period of time. This will prevent the consumption of the battery and the leak of the battery liquid. Store the removed battery in the plastic bag etc. not to short-circuit.

WARNING: Do not leave the 3D Glasses, the battery or the accessories within the reach of small children.

Inhaling or swallowing them may cause suffocation or lesions in the stomach wall.

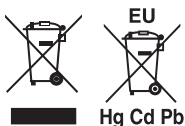
If swallowed, consult a doctor immediately.

Troubleshooting

3D images are not displayed.	<ul style="list-style-type: none"> • Ensure the setting is for 3D images. For details, refer to the television owner's manual. • Check there is no object blocking infrared signals in the infrared reception part of television and 3D Glasses. If the infrared data communication between the television and 3D Glasses is lost for 5 minutes, the power of 3D Glasses is turned off. • Ensure you wear the appropriate glasses or contact lenses if necessary.
3D images are not correct.	<ul style="list-style-type: none"> • The left and right of the 3D images might be reversed or the signal system of 3D images might be different. Refer to the television owner's manual to switch the left and right.
The power of 3D Glasses does not turn on.	<ul style="list-style-type: none"> • Check the insulation sheet is pulled out. • The battery might be weak. Try to replace a battery.

Specifications

3D method	Liquid Crystal Shutter
Dimensions	Width: 180.6 mm Height: 45.7 mm Depth: 171.1 mm
Operating temperature	0°C - 40°C (32°F - 104°F)
Mass (weight)	60.9 g (includes battery)
Material	Frame: Resin Lens: Liquid crystal glass
Battery	Coin type lithium battery CR2032
Battery life	About 75 hours in a row



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TOSHIBA Television Central Europe Sp. z o.o.

ul. Pokoju 1, Biskupice Podgórne, 55-040 Kobierzycze, Poland

Specification is subject to change without notice.